Quantitation Report (Qedit)

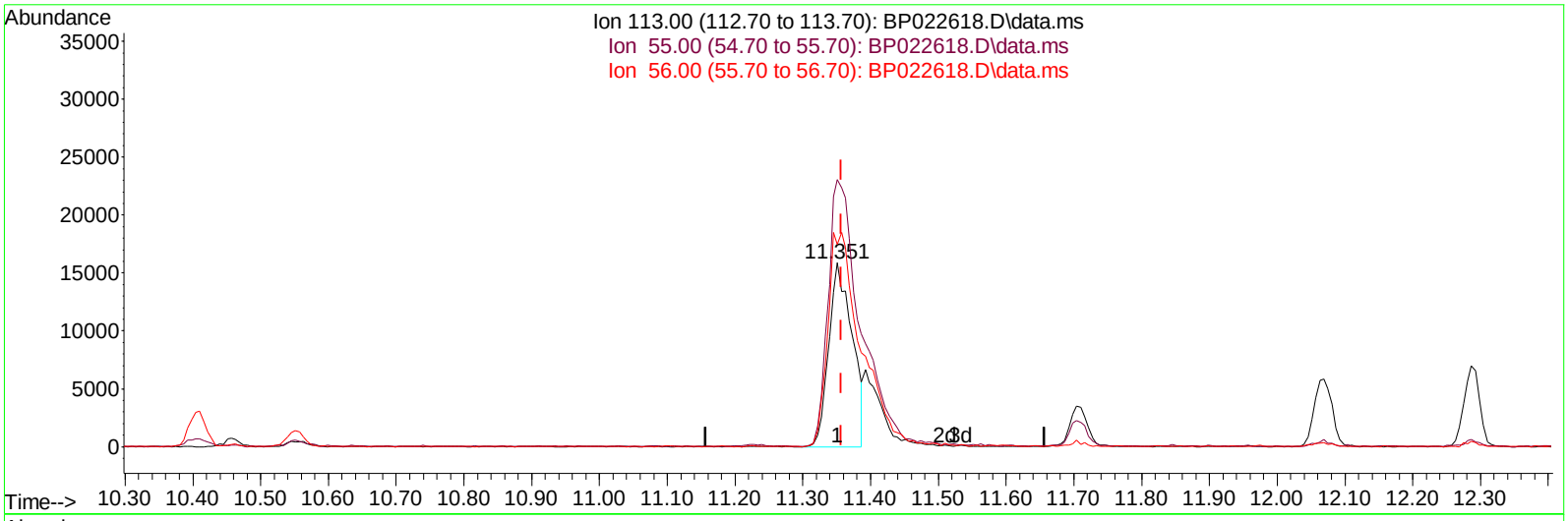
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022618.D
Acq On : 25 Oct 2024 19:59
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

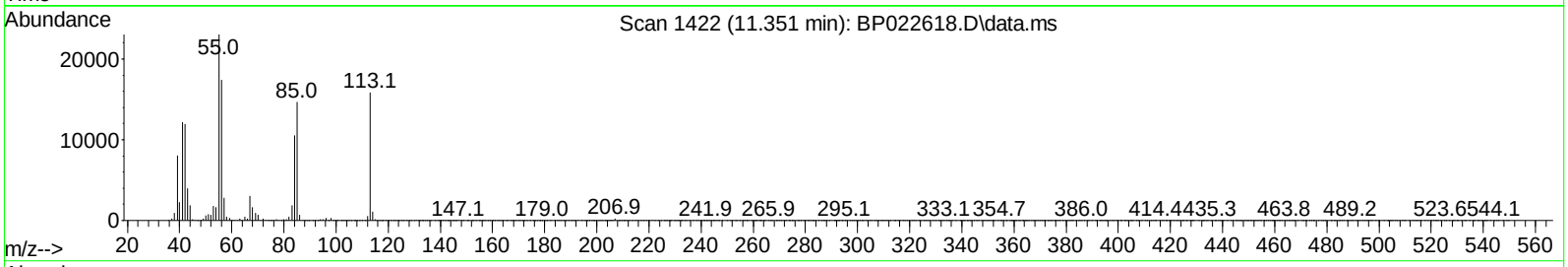
Quant Time: Oct 25 23:35:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

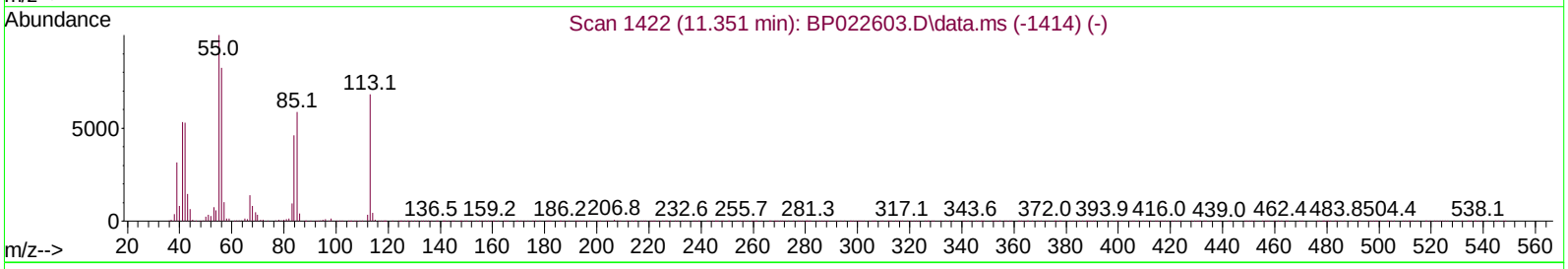
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024







TIC: BP022618.D\data.ms

(34) Caprolactam

11.351min (-0.006) 15.02 ng/ul

response 38281

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	145.23
56.00	130.00	109.93
0.00	0.00	0.00

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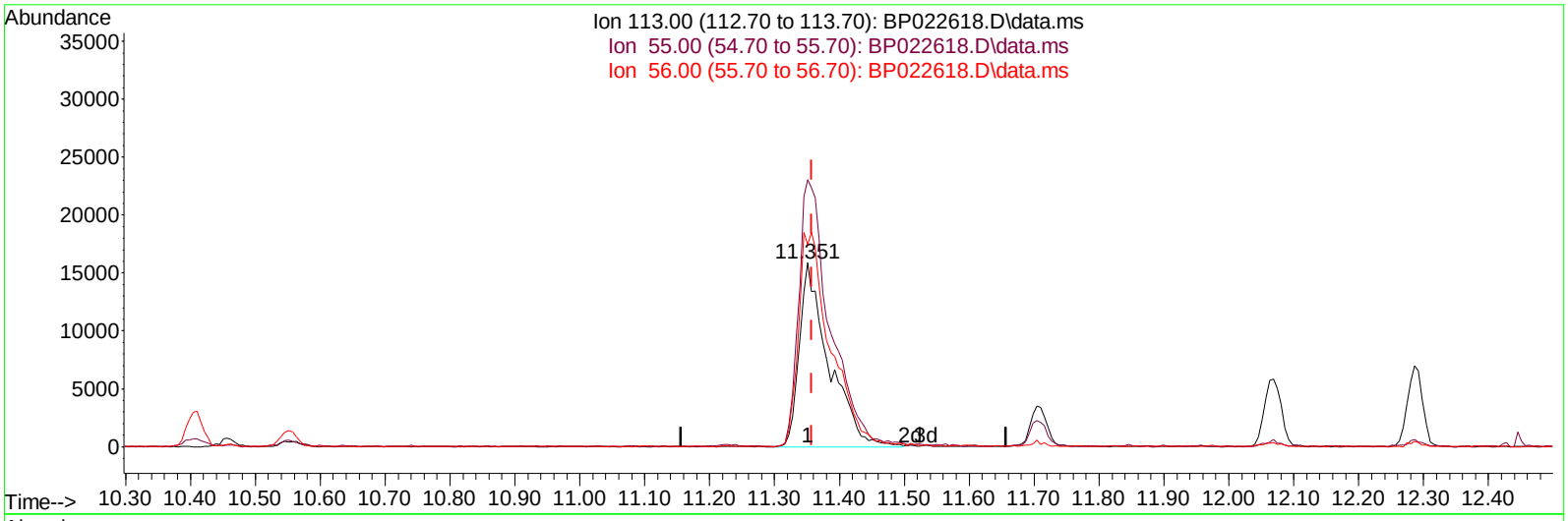

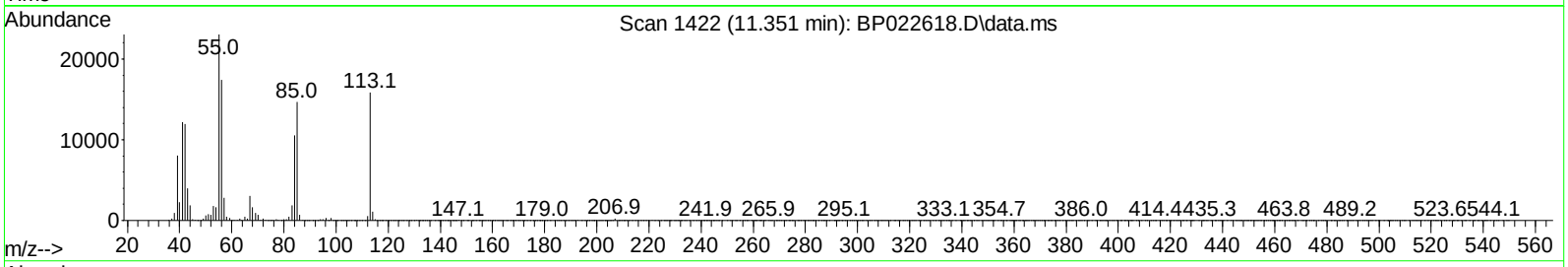

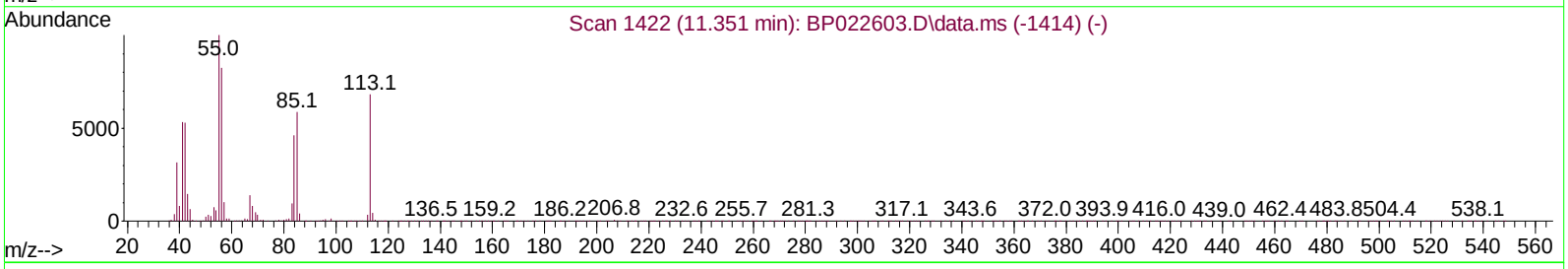

TIC: BP022618.D\data.ms

(34) Caprolactam

11.351min (-0.006) 19.78 ng/ul m

response 50410

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	145.23
56.00	130.00	109.93
0.00	0.00	0.00

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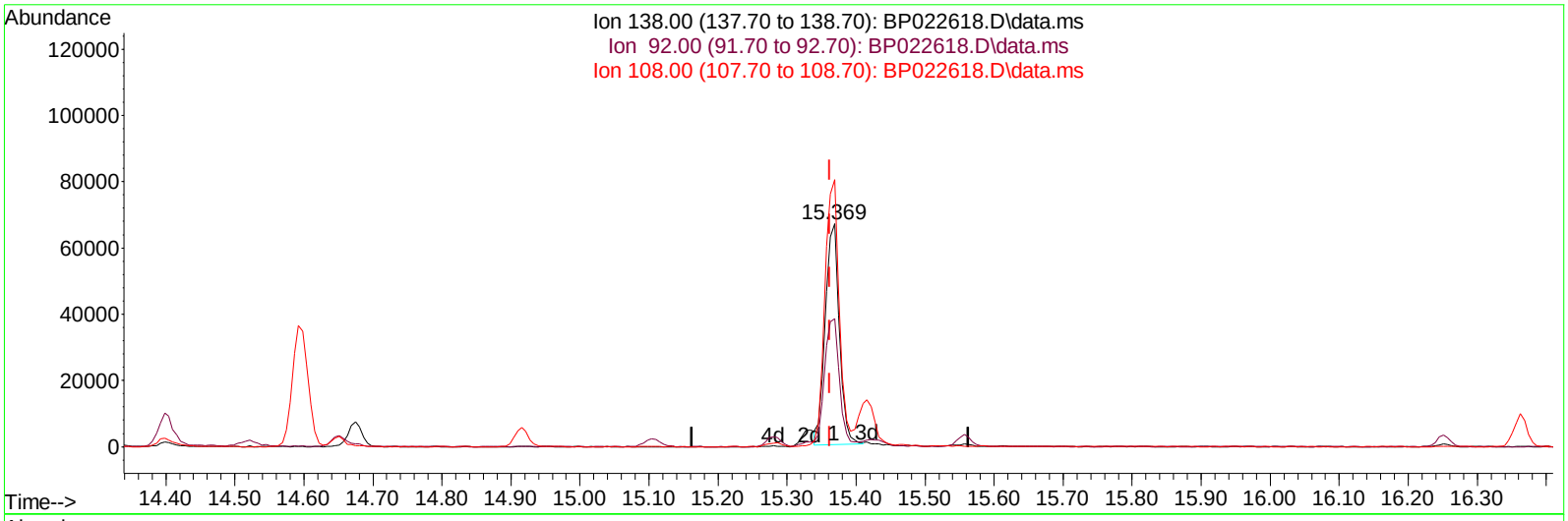

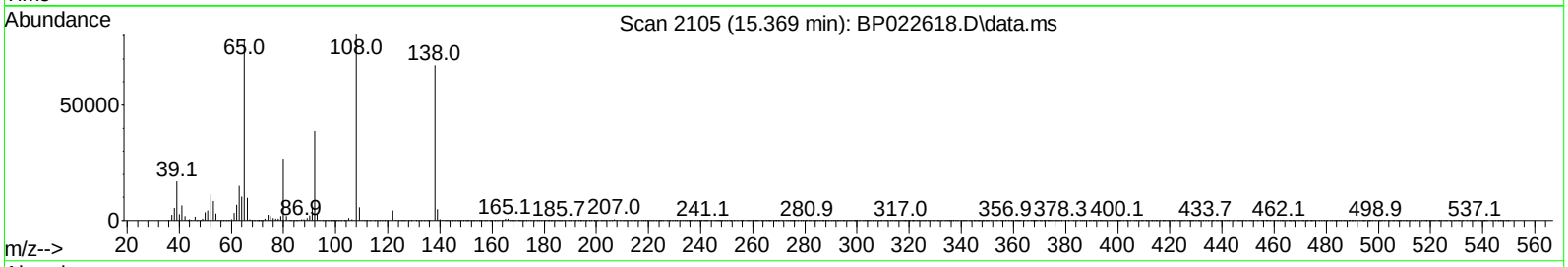

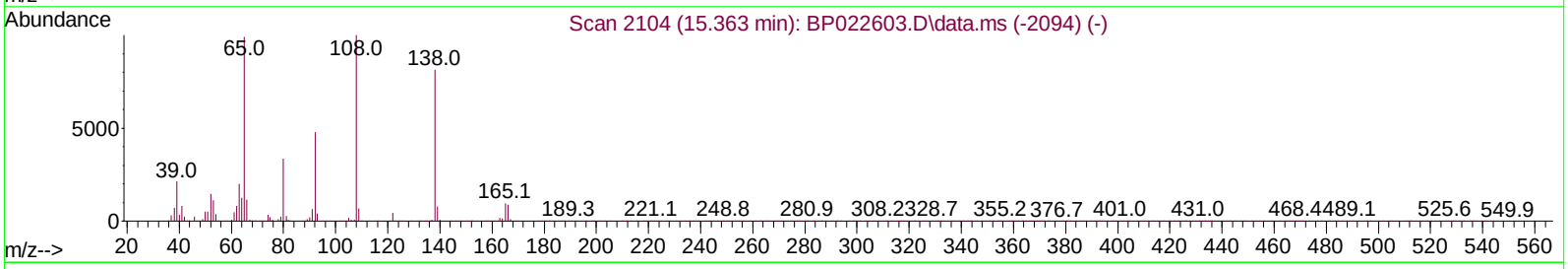

TIC: BP022618.D\data.ms

(63) 4-Nitroaniline

15.369min (+ 0.006) 20.14 ng/ul

response 95389

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	57.54
108.00	113.30	119.74
0.00	0.00	0.00

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Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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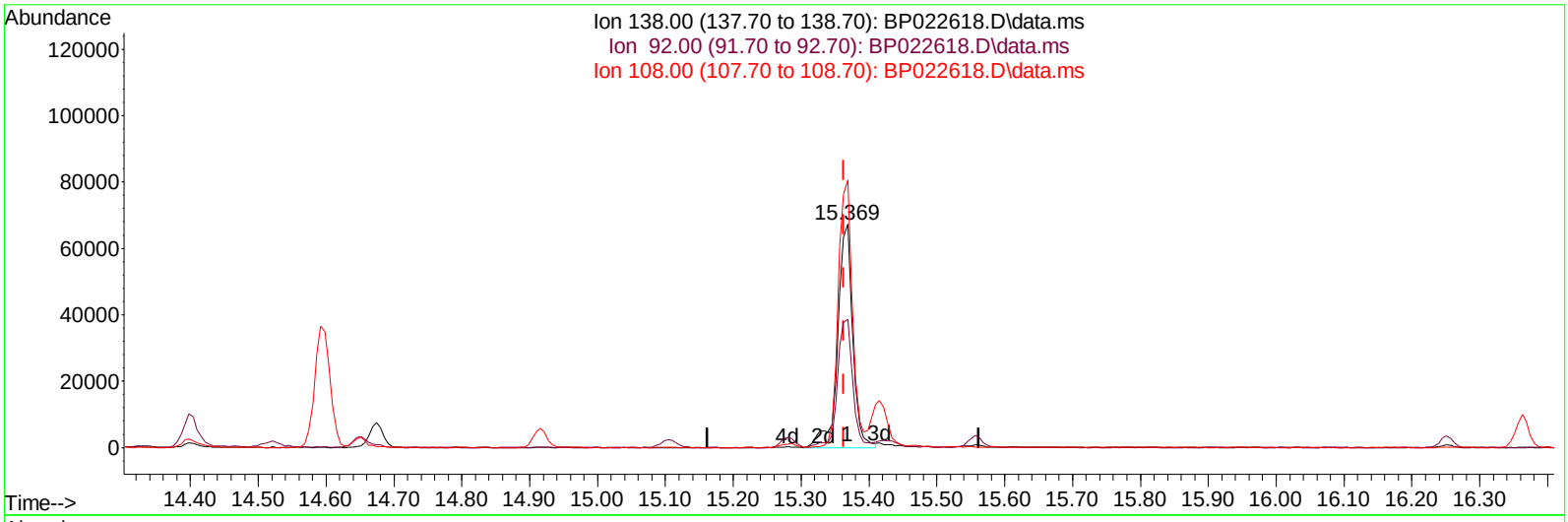

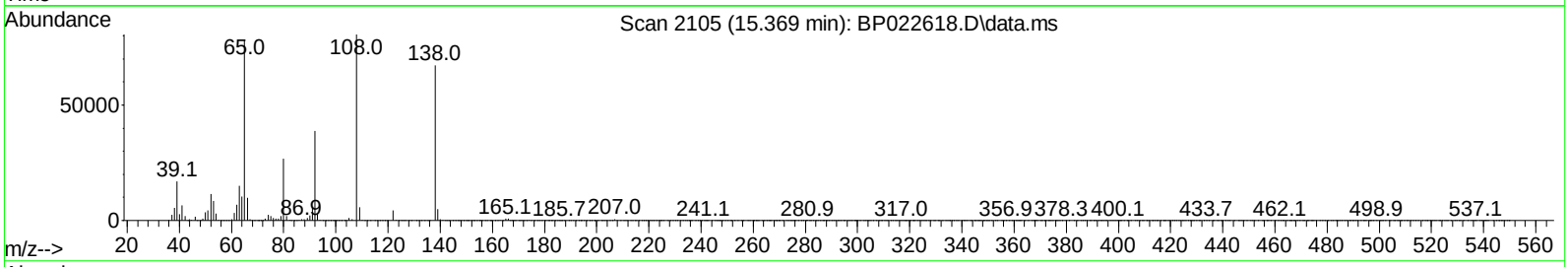

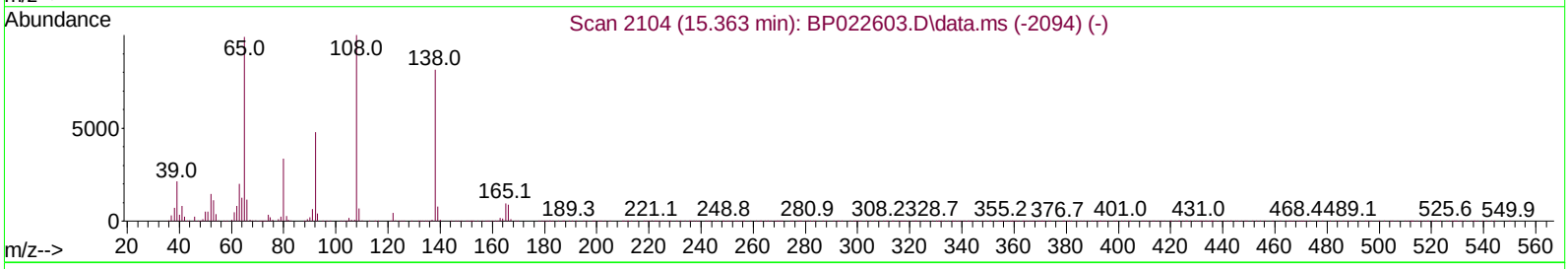

TIC: BP022618.D\data.ms

(63) 4-Nitroaniline

15.369min (+ 0.006) 22.12 ng/ul m

response 104767

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	57.54
108.00	113.30	119.74
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : SSTDCCC020
Misc :
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Quant Time: Oct 25 23:38:01 2024
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Instrument :
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LabSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	111490	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	424250	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	334606	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.074	188	818297	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	875873	20.000	ng/ul	0.02
88) Perylene-d12	24.786	264	1037344	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	19440	6.776	ng/uL	-0.01
4) Pyridine-d5	3.605	84	149843	19.025	ng/ul	0.00
7) Phenol-d5	6.846	99	186357	19.857	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	105928	19.204	ng/ul	0.00
11) 2-Chlorophenol-d4	7.198	132	140196	21.053	ng/ul	0.00
15) 4-Methylphenol-d8	8.357	113	152122	20.311	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	70276	21.543	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	84819	22.459	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.045	165	176644	22.007	ng/ul	0.00
31) 4-Chloroaniline-d4	10.551	131	189414	19.971	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	535377	20.138	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	587299	20.799	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	87813	19.689	ng/ul	0.00
60) Fluorene-d10	15.280	176	470225	20.392	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	106637	19.814	ng/ul	0.00
73) Anthracene-d10	17.174	188	793377	20.610	ng/ul	0.00
81) Pyrene-d10	19.557	212	1006403	21.728	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.562	264	1167041	21.066	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	21258	6.891	ng/uL	97
5) Pyridine	3.622	79	151637	18.777	ng/ul	98
6) Benzaldehyde	6.810	77	112338	22.150	ng/ul	98
8) Phenol	6.875	94	192988	19.765	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.087	93	145055	19.850	ng/ul	96
12) 2-Chlorophenol	7.228	128	143242	20.801	ng/ul	96
13) 2-Methylphenol	8.098	108	143126	20.198	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.163	45	161994	19.074	ng/ul	98
16) Acetophenone	8.463	105	247846	20.045	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.445	70	126786	20.239	ng/ul	98
18) 4-Methylphenol	8.422	108	156717	19.936	ng/ul	95
19) Hexachloroethane	8.710	117	65502	20.424	ng/ul	98
22) Nitrobenzene	8.834	77	194550	19.980	ng/ul	97
23) Isophorone	9.357	82	355622	20.370	ng/ul	99
25) 2-Nitrophenol	9.534	139	87393	21.472	ng/ul	97
26) 2,4-Dimethylphenol	9.604	107	186769	21.112	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.822	93	197269	19.900	ng/ul	98
29) 2,4-Dichlorophenol	10.069	162	172185	21.783	ng/ul	99
30) Naphthalene	10.457	128	467168	20.674	ng/ul	98
32) 4-Chloroaniline	10.575	127	190923	20.393	ng/ul	99
33) Hexachlorobutadiene	10.734	225	143105	21.480	ng/ul	97
34) Caprolactam	11.351	113	50410m	19.782	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	183310	21.255	ng/ul	100

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SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	345686	20.841	ng/ul	100
37) 1-Methylnaphthalene	12.286	142	350972	20.731	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.445	216	260834	21.082	ng/ul	95
40) Hexachlorocyclopentadiene	12.416	237	143380	19.021	ng/ul	99
41) 2,4,6-Trichlorophenol	12.692	196	165961	21.325	ng/ul	98
42) 2,4,5-Trichlorophenol	12.769	196	179523	21.664	ng/ul	96
43) 1,1'-Biphenyl	13.086	154	493593	20.466	ng/ul	100
44) 2-Chloronaphthalene	13.133	162	409196	20.726	ng/ul	99
45) 2-Nitroaniline	13.345	65	118785	20.149	ng/ul	92
47) Dimethylphthalate	13.722	163	537793	20.301	ng/ul	99
48) 2,6-Dinitrotoluene	13.845	165	111090	22.171	ng/ul	99
50) Acenaphthylene	13.986	152	604940	20.643	ng/ul	100
51) 3-Nitroaniline	14.180	138	97022	20.616	ng/ul	96
52) Acenaphthene	14.333	153	421962	20.362	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	69802	18.934	ng/ul	91
55) 4-Nitrophenol	14.516	109	99599	20.121	ng/ul	96
56) Dibenzofuran	14.675	168	635581	20.418	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	170781	21.934	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.916	232	168841	21.829	ng/ul#	97
59) Diethylphthalate	15.104	149	520847	20.494	ng/ul	98
61) Fluorene	15.333	166	519623	20.487	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.327	204	300298	20.705	ng/ul	99
63) 4-Nitroaniline	15.369	138	104767m	22.123	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.433	198	114964	19.832	ng/ul	96
67) N-Nitrosodiphenylamine	15.557	169	445298	20.321	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	209536	21.234	ng/ul	96
69) Hexachlorobenzene	16.363	284	261668	21.543	ng/ul	99
70) Atrazine	16.539	200	188357	20.679	ng/ul	95
71) Pentachlorophenol	16.716	266	163004	20.871	ng/ul	94
72) Phenanthrene	17.110	178	888762	20.301	ng/ul	99
74) Anthracene	17.210	178	892903	20.437	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.057	216	261108	20.956	ng/uL	98
76) Pentachlorobenzene	14.598	250	290229	21.071	ng/uL	99
77) Carbazole	17.492	167	776090	20.076	ng/ul	99
78) Di-n-butylphthalate	18.074	149	878667	20.542	ng/ul	99
80) Fluoranthene	19.210	202	1171194	21.995	ng/ul	98
82) Pyrene	19.592	202	1251207	21.924	ng/ul	97
83) Butylbenzylphthalate	20.545	149	426911	21.485	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.427	252	424764	20.344	ng/ul	99
85) Benzo(a)anthracene	21.498	228	1262100	20.555	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	594177	20.833	ng/ul	100
87) Chrysene	21.568	228	1186461	20.839	ng/ul	100
89) Di-n-octyl phthalate	22.662	149	1000228	20.271	ng/ul	100
90) Benzo(b)fluoranthene	23.745	252	1337113	20.477	ng/ul#	98
91) Benzo(k)fluoranthene	23.815	252	1319825	20.645	ng/ul	99
93) Benzo(a)pyrene	24.627	252	1231439	20.491	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.486	276	1621724	20.222	ng/ul	98
95) Dibenzo(a,h)anthracene	28.562	278	1284067	19.773	ng/ul#	97
96) Benzo(g,h,i)perylene	29.638	276	1257349	20.157	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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